INDEX TO VOLUME 54.—JANUARY TO JUNE.

A. PAGE

A Marvelous Conjurer..... 138
Ague and Fever..... 176
Alexis, The Grand Duke..... 197
Arctic Regions..... 199
Adam, The True Meaning of..... 202
Aspinwall, William H..... 220
Amy's Ideal (Poetry)..... 232
Attention..... 285
Adam, What do we Understand by it?..... 407

B.

Boy with no Remarkable Quality 39
Byers, William N., The Rocky Mountain Printer..... 56
Boxing..... 70
Brain, its Composition..... 71
Brain in Different Animals..... 74
Birth-Day Party..... 103
Books..... 188
Blushing..... 195
Boys, Old..... 338
Beautiful Forever (Poetry)..... 368
Birds, Tunes Taught to..... 371
Boys' Library..... 401
Bad Pen, A. (3 Illustrations)..... 417
Brick Chimney-Tops, How to Build..... 420
Borgia, Lucretia..... 421

C.

Contradiction..... 14
Cold, Taking..... 40
Crazy Rulers..... 44
Class of 1871, Our Fall..... 51
Conversation, Familiar..... 61
Consolation (Poetry)..... 68
Conscience in Children..... 70
Criminals, Great..... 121
Conjurer, A Marvelous..... 138
Candlish, Robert Smith, D.D..... 228
Conversation, A Strange..... 231
Colorado Springs, Illus..... 264
Character in Faces..... 311
Chambers, Robert, LL.D..... 315
Colorado, Irrigation in..... 328
Crying Down the Race..... 337
Creation of Man..... 341
Colors, Primary or Prismatic..... 349
Codfish, Tame..... 353
Cold Hands—Warm Heart..... 355
Crossley, Sir Francis, M.P..... 368
Character Reading, Instruction in 403
Carbon and its Different Forms: Diamond—Graphite—Coal..... 403
Corpus-Christo Day in Germany. 409
Chimney-Tops, How to Build..... 422
Children's Heads..... 423

D.

Dyak Life, Passages from, Illus. 28
Death, Meeting..... 82
Duality in Government..... 189
Davis, David, Judge..... 289
Drunkenness, Discharged for..... 351
Du Chaillu, Paul B..... 410

E.

Expression, Its Anatomy and Philosophy, Illus.....17, 95, 161 233, 303, 379
Earth, The Phrenology of..... 32
Eyes and no Eyes..... 38
Eyes and Ears..... 71
Educated Man, The..... 74
Education, American..... 191
Education, Early English..... 274
Engineers of the Mont-Cenis Tunnel..... 278
England's Decadence..... 343
Electricity and Nerve Force..... 350
Electricity and Life..... 420
Eyes, Weak..... 422

F.

Familiar Conversation..... 61
Fires, Great, of Ancient and Modern Times..... 62
Forests, Their Influence on Climate..... 65
Faculties, How they Combine, 83, 153 222, 294
Follow Your Nose..... 111
Faculties, Debilitated..... 142
Faces, Happy—How to Keep Them so..... 160
Food, Quality of..... 179
Fish Culture in America, Illus... 180
Franklin, A Statue of..... 197
Fisk, James, Jr..... 206
Famous Americans, Homes of,—Mount Vernon..... 258
The Hermitage..... 323
Monticello..... 372
Fisk, James, Jr.,—Murder Penalty..... 271
Fragment, A (Poetry)..... 280
Faces, Character in..... 311
Farm Life in North Carolina.... 318
Features, Can we Mold Our?.... 414
Feet-Washing a Religious Observance..... 423
Firmness and Self-Esteem..... 423

G.

Giving, Cheerful..... 10
Great Criminals..... 121
Ghost Story..... 248
God Help Me (Poetry)..... 398

H.

Home Again..... 68
Hepworth, George H..... 138
Harriet Hosmer..... 169
Horse Cars..... 172
Health Journal, A New One Demanded..... 340
Hens, How to Make Them Lay.. 352
Husband, Why he should be Older than the Wife..... 354
How we Lost a Subscriber..... 424

I.

Inventors, Southern..... 51
Intercommunication..... 59
Indian Agents, Our..... 73
Illinois Industrial (Manual Labor) University..... 205
Instinct and Reason..... 212
Inebriate Asylums, Utility of.... 245
Intoxicants, New..... 273
Irrigation in Colorado..... 328
Introductions..... 422
Insanity..... 423

J. PAGE

Juvenile Offenders, Reformatories for..... 362

L.

Lips, What they Mean..... 27
Little Joe (Poetry)..... 33
Legislators, Drunken..... 49
Life, Right and Wrong Views of. 225
"Let Him that Standeth take Heed Lest he Fall" (Poetry)... 336
Louisa of Prussia..... 337
Life Insurance..... 413
Light and Colors..... 419
Lucretia Borgia..... 421

M.

Manners in the Pulpit..... 13
Mont-Cenis Tunnel—How it was Finished..... 33
Marriage Among Birds..... 55
Mirth.....69, 140, 211 284, 353, 421
Marriage, Unusual..... 70
Money..... 194
Mother's Love..... 125
Medici, Catherine de..... 143
Mechanics' Unions..... 196
Materiality and Immortality..... 210
Murder Penalty—The Late James Fisk, Jr..... 271
Music, Ancient Greek—Its relation to Modern Music..... 280
Men, Self-Made, Advantages of.. 296
Mistakes..... 313
Morse, Prof., Death of..... 340
Munsell, Harvey M..... 346
Mental Action, Double..... 355

N.

Nottman, William..... 296

O.

Only a Head; or, Not a Cent in the World..... 34
Our Objects..... 46
Old Boys..... 338
Orton, William..... 359
Office-Seeking..... 402

P.

Power, Undeveloped..... 52
Political Economy Not a Failure. 53
Phrenology? Who Believes in... 74
" Progress of..... 102
" in Oregon..... 355
" Test of..... 355
Protoplasm; or, The Mystery of Physical Life..... 83
Psychology, Conjugal..... 106
Pickles..... 119
Poor Children of N. Y., Appeal for..... 120
Penmanship, Plain..... 122
Pre-Adamites..... 123
Poor, The—A good Way to Help Them..... 125
Pre-Adamites, Are they Found in the Bible?..... 282
Photography in America.....250, 296
Parker, Joel, Gov. of N. J..... 291
Punishment and Prison Reform. 320

PAGE

Prison, Life in..... 335
Prussia, Queen Louisa of..... 287
Philippines, The Chinese in the. 389
Preachers and Preaching..... 395
Pen, A Bad..... 417
Petrifying Bodies..... 423

R.

Russell, "Sol." Smith; or, Studies in Facial Expression—Illus. 23
Rings, Political..... 48
Reflections..... 73
Reymert, James Denoon..... 77
Rheumatism..... 118
Robert Smith Candlish, D.D.... 238
Respiration..... 241
Reformatories for Juveniles..... 362

S.

Signs in the Eyes and Fingers... 71
Skull, Closed..... 72
School Teachers, Good..... 73
Social Amusement..... 141
Shakspeare, Who Wrote it?..... 141
Sectarian Belief, Changes of 156
Stepping-Stones..... 157
Sweetest Lips Were Ever Kissed (Poetry)..... 171
Shylock, The Character of..... 190

PAGE

Sullivan, Lawrence, The Case of. 193
Study, Late..... 213
Social Amusement, Tact in..... 227
Self-Reliance, How I Learned it. 232
Science at Home..... 247
State's Prison..... 249
Stitch in Time..... 269
Sleeplessness..... 286
Shelby, Gen., his Skull..... 339
Stone-Cutter, The..... 345
Simile, A (Poetry)..... 352
Steal or Starve?..... 365
Stereoscopy; or, the Marvels of Binocular Vision..... 376
"Science, Spiritualism Answered by"..... 418

T.

Thompson, Joseph P., D.D..... 14
Taking Cold..... 40
"To the Front"..... 108
The Times—To Know Them a Requisite for Influence..... 126
The True Meaning of Adam..... 202
Temperance Congressmen..... 287
Tools for Our Women..... 319
Tame Codfish..... 353
Tariff Question, What is the?... 364
Tunes Taught to Birds..... 371

PAGE

The Shakers—Have They Made a Mistake?..... 400
Thick Lips..... 422

W.

Washburne, Elihu B..... 5
What Can I do Best?..... 8
World's Progress, The..... 49
Wisdom.....68, 139, 211, 284, 353, 421
Walking..... 72
Watson, Joshua, The Zealous Churchman..... 108
Washburn, Gov. of Mass..... 136
Williams, George H., U. S. Attorney-General..... 149
Whence and How? (Poetry)..... 155
Will it Pay?..... 175
Women, American, Deteriorating 196
Writing for the Press..... 198
Washington's Birthday..... 270
Work, No Interest in..... 272
Woman's Sphere..... 317
Working Women's Protective Union..... 340
Walk, How we..... 351
Writing, Effective..... 352
What is the Tariff Question?.... 364
Walking..... 394
What Can I Do Best?..... 399
What are Quack Medicines?.. .. 423

LIST OF ILLUSTRATIONS.

Ajewife..... 185
Arctic Regions, Scenery in.... 201
Aspinwall, William H..... 220
Arab..... 306
Anatomy of the Eye..... 384
Bornean Swing, The..... 30
Byers, William N..... 56
Brain-Case in Profile..... 167
Black Bass..... 187
Black Hawk..... 308
Chicago Burnt District..... 63
Childhood..... 166
Caught in the Ice..... 200
Candlish, Robert Smith, D.D 229
Colorado Springs..... 264
Chambers, Robert, LL.D..... 315
Crossley, Sir Francis, M.P..... 369
Chinese Carpenters at Work..... 393
Cutting Down..... 416
Dyak Life, Passages from 29, 30
Dyak Warrior and Dusum 29
Davis, David, Judge..... 289
Distress..... 379
Du Chaillu, Paul B..... 411
Expression—Its Anatomy and Philosophy.....95, 161, 233, 303, 379
Engineers of the Mont-Cenis Tunnel..... 273, 279
Facial Expression, Studies in... 24
Facial Angle, Author's..... 163
Fish-Breeding Works at Meredith Village, N. H..... 181

Fisk, James, Jr..... 207
Famous Americans, Homes of—
Mt. Vernon..... 252
Early Home of Andrew Jackson..... 324
The Hermitage..... 325
Monticello..... 373
Fine Eyes..... 385
Gate, Beautiful—Garden of Gods 266
Grattoni, Severino..... 279
Greek Girl..... 305
Gladiator, A Modern..... 385
Hepworth, Geo. H..... 159
Hosmer, Harriet..... 169
Head of a Horse..... 233
" " Deer..... 234
" " Giraffe..... 234
" " Fox..... 234
" " Lion..... 235
" " Tiger..... 235
" of Apollo..... 236
Heart and Lungs..... 243
Head of a Mummy..... 307
Heads of Negroes..... 308
Heart, The..... 310
Intelligence, Grades of..... 100
Julius Cæsar..... 305
Kwan of Manilla, The..... 392
Lips, Your—4 cuts..... 27
Lungs and Heart..... 243
Louisa of Prussia..... 288
Munsell, Harvey M..... 316

Monuments, Group of in Monument Park..... 267
Mongolian..... 306
Malay..... 307
Muscles of the Face..... 383
Muscles of the Forehead and Eyebrow..... 384
Orton, William..... 359
Old Age..... 166
Parker, Joel, Gov. of N. J..... 291
Plato..... 308
Prayerful..... 386
Pointing..... 417
Russell, "Sol." Smith..... 25
Reymert, James Denoon..... 77
Rachel..... 380
Skull in Profile..... 97
Skulls, Human..... 101
Senility, Lingering..... 167
Securing Spawn..... 184
Sommeiller, Germano..... 278
Thompson, Joseph P., D.D..... 14
Trout, Brook..... 183
Trout, Young, Feeding..... 184
Troutdale, N. J. Fish Ponds 186
" " Hatching House 186
Terror..... 379
The Result..... 417
Washburne, Elihu B..... 5
Watson, Joshua..... 109
Williams, George H., Attorney-General of the U. S..... 149

PAGE
400
422
5
8
49
421
72
108
136
149
155
175
196
198
270
272
317
340
351
352
364
394
399
423
267
306
307
383
384
359
166
291
308
386
417
25
77
380
97
101
167
184
278
14
183
184
186
186
379
417
5
109
149